

American Scientist Annual Index, Volume 88, 2000

Articles

- Azari, Nina P., and Rüdiger Seitz, *Brain Plasticity and Recovery from Stroke*, Sept., 426
- Bellan, Paul M., *Simulating Solar Prominences in the Laboratory*, Mar., 136
- Cieslak-Golonka, Maria, and Bruno Morten, *The Women Scientists of Bologna*, Jan., 68
- Collins, James P., *A New Urban Ecology*, Sept., 416
- Dzierba, Alex R., Curtis A. Meyer and Eric S. Swanson, *The Search for QCD Exotics*, Sept., 406
- Fink, Max, *Electroshock Revisited*, Mar., 162
- Fleming, Theodore H., *Pollination of Cacti in the Sonoran Desert*, Sept., 432
- Frisch, Priscilla C., *The Galactic Environment of the Sun*, Jan., 52
- Gálvez, Antonio, Mercedes Maqueda, Manuel Martínez-Bueno and Eva Valdivia, *Scientific Publication Trends and the Developing World*, Nov., 526
- Ganetzky, Barry, *Tracking Down a Cheating Gene*, Mar., 128
- Gangui, Alejandro, *Superconducting Cosmic Strings*, May, 254
- Garrett, Steven L., and Scott Backhaus, *The Power of Sound*, Nov., 516
- Gerber, Leah R., Douglas P. DeMaster and Simona Perry Roberts, *Measuring Success in Conservation*, Jul., 316
- Goodsell, David S., *Biomolecules and Nanotechnology*, May, 230
- Hamadeh, Hisham, and Cynthia A. Afshari, *Gene Chips and Functional Genomics*, Nov., 508
- Hauser, Marc D., *What Do Animals Think About Numbers?*, Mar., 144
- Hill, Theodore P., *Mathematical Devices for Getting a Fair Share*, Jul., 325
- Jacobs, Barry L., Henriette van Praag and Fred Gage, *Depression and the Birth and Death of Brain Cells*, Jul., 340
- Kawaler, Steven D., and Michael Dahlstrom, *White Dwarf Stars*, Nov., 498
- Klarreich, Erica G., *Foams and Honeycombs*, Mar., 152
- McGraw, Donald J., *Andrew Ellicott Douglass and the Big Trees*, Sept., 440
- Macrakis, Kristie, *The Case of Agent Gorbachev*, Nov., 534
- Mallin, Michael A., *Impacts of Industrial Animal Production on Rivers and Estuaries*, Jan., 26
- Melia, Fulvio, *The Heart of the Milky Way*, Jul., 346
- Murr, Lawrence E., and Everaldo Ferreyra Tello, *Connecting Materials Science and Music in Steel Drums*, Jan., 38
- Overbye, Thomas J., *Reengineering the Electric Grid*, May, 220
- Olshausen, Bruno A., and David J. Field, *Vision and the Coding of Natural Images*, May, 238
- Pauly, Daniel, Villy Christensen, Ranier Froese and Maria Lourdes Palomares, *Fishing Down Aquatic Food Webs*, Jan., 46
- Sanderson, James G., *Testing Ecological Patterns*, Jul., 332
- Schurr, Theodore G., *Mitochondrial DNA and the Peopling of the New World*, May, 246
- Taylor, R. E., *Fifty Years of Radiocarbon Dating*, Jan., 60
- Macroscopic**
- Huner, Jay V., *Crawfish and Water Birds*, Jul., 301
- Panofsky, Wolfgang K. H., *How Much Free Speech for Scientists?*, Jan., 6
- Stanford, Craig B., *The Brutal Ape vs. the Sexy Ape?*, Mar., 110
- Marginalia**
- Fernie, J. Donald, *Eclipse Vicissitudes: Thomas Edison and the Chickens*, Mar., 120; *In Search of Better Skies: Harvard in Peru I*, Sept., 396
- Hoffmann, Roald, *Exquisite Control*, Jan., 14; *Narrative*, Jul., 310
- Shipman, Pat, *Doubting Dmanisi*, Nov., 491
- Thomson, Keith Stewart, *Huxley, Wilberforce and the Oxford Museum*, May, 210
- Computing Science**
- Hayes, Brian, *Graph Theory in Practice: Part I*, Jan., 9; *Graph Theory in Practice: Part II*, Mar., 104; *"The Nerds Have Won"*, May, 200; *On the Teeth of Wheels*, Jul., 296; *The World in a Spin*, Sept., 384; *Dividing the Continent*, Nov., 481
- Engineering**
- Petroski, Henry, *Time-Sensitive Material*, Jan., 18; *Why 'The Pencil'?*, Mar., 114; *Making Headlines*, May, 206; *Human Factors*, Jul., 304; *Concrete Canoes*, Sept., 390; *Vanities of the Bonfire*, Nov., 486
- Science Observer**
- Cannon, William J., *Speed Chills*, May, 217
- Hoffman, Michelle, *Splendor on the Grass*, May, 214; *All Cells Lead to Rome*, Sept., 403
- Mackenzie, Dana, *A Megalith for the Millennium*, Jan., 23
- Petersen, Aili, *Acts of Nutrition*, Sept., 404
- Schneider, David, *Solar Windjamming*, Jan., 22; *Heard It on the Radio*, Mar., 125; *Free-Floating Planets*, May, 215; *Invisible Lights in the Sky*, Jul., 314; *Journey to the Center of the Earth*, Sept., 400; *Twisting at Tahoe*, Sept., 405; *Cutting a Wide Swath*, Nov., 495
- Schoonmaker, David, *Whetstone Gravestones*, May, 216
- Slotnick, Rebecca Sloan, *Extremophilic Terraforming*, Mar., 124; *Resolving Arguments by Design*, Jul., 315; *Two Hearts Beat as One*, Sept., 403
- Szpir, Michael, *Identified Flying Objects*, May, 217; *Giving a Damn About Traffic*, May, 218; *Flash Upon a Neutron Star*, Sept., 402; *Dust in the Wind*, Nov., 496
- Book Reviews and Features (Major)**
- Athey, Robert D., Jr., a review of *Legal Alchemy* by David L. Faigman, Jan., 81
- Bowler, Peter J., a review of *In Search of Deep Time* by Henry Gee, Mar., 169
- Dietrich, William, reviews of *Thoreau's Country* by David R. Foster and *The Hidden Forest* by Jon R. Luoma, Jan., 78; reviews of *Salmon Without Rivers* by Jim Lichatowich and *Making Salmon* by Joseph E. Taylor III and William Cronon, May, 267
- Domhoff, G. William, a review of *The Interpretation of Dreams* by Sigmund Freud, Joyce Crick, trans., Ritchie Robertson, ed., Mar., 175
- Dorit, Rob, reviews of *It Ain't Necessarily So: The Dream of the Human Genome and Other Illusions* and *Triple Helix: Gene, Organism and Environment* by Richard Lewontin, Sept., 448
- Firor, John, reviews of *Beating the Heat: Why and How We Must Combat Global Warming* by John J. Berger and *The Satanic Gases: Clearing the Air about Global Warming* by Patrick J. Michaels and Robert C. Balling, Jr., Nov., 548
- Herken, Gregg, a review of *In the Shadow of the Bomb* by Silvan S. Schweber, Jul., 354
- Impey, Chris, reviews of *Carl Sagan: A Life* by Keay Davidson and *Carl Sagan: A Life in the Cosmos* by William Poundstone, Jan., 74
- Johnson, Norman A., reviews of *A Plague of Frogs* by William Souder and *Hormonal Chaos: The Scientific and Social Origins of the Environmental Endocrine Hypothesis* by Sheldon Krinsky, Jul., 362
- Logan, Jonathan, a review of *Copenhagen* by Michael Frayn, Jul., 356
- Newman, William, a review of *Ingenious Pursuits: Building the Scientific Revolution* by Lisa Jardine, Sept., 454
- Pesic, Peter, reviews of *Lucifer's Legacy: The Meaning of Asymmetry* by Frank Close and *Antimatter: The Ultimate Mirror* by Gordon Fraser, Nov., 544
- Pyne, Stephen J., a review of *Something New Under the Sun: An Environmental History of the Twentieth-Century World* by J. R. McNeil, Sept., 452
- Seeley, Thomas D., a review of *Ants at Work: How an Insect Society is Organized* by Deborah M. Gordon, Mar., 173
- Spencer, Joel, a review of *Mathematics: Frontiers and Perspectives* ed. by V. I. Arnold, et al., Nov., 546
- Stanford, Craig B., reviews of *A Natural History of Rape* by Randy Thornhill and Craig T. Palmer and *Why Sex Matters* by Bobbi S. Low, July, 360
- Strickland, Richard, a review of *The Eternal Darkness: A Personal History of Deep-Sea Exploration* by Robert D. Ballard with Will Hively, May, 264
- Tokaryk, Tim, reviews of *Rare Earth* by Peter D. Ward and Don Brownlee and *The Emergence of Life on Earth* by Iris Fry, Mar., 168
- Vanderpool, Harold Y., a review of *XENO: The Promise of Transplanting Animal Organs into Humans* by David K. C. Cooper and Robert P. Lanza, May, 270